

Patent US 210D1
Edwards Ref: RMI-5707 CIP4CON5DIV
(formerly 269/089)

AMENDMENT TO THE CLAIMS

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of the Claims

1-13. (Canceled)

14. (Previously Presented) A medical device comprising:
a tubular member having a proximal end, a distal end, and a lumen therebetween;
[[and]]
an elongate member having a proximal end and a distal end, wherein the elongate member is configured to extend through the lumen of the tubular member; and
a filter removably insertable through the lumen of the tubular member and mounted on the distal end of the elongate member, the filter having an apex and an opening, wherein the apex of the filter is distal the opening, and wherein the filter has a pore size of 50 to 300 microns and is adapted to allow a blood flow rate of 3L/min or more through the filter.

15. (Previously Presented) The medical device of claim 14, wherein the tubular member provides a hemostatic seal between the filter and the lumen.

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16. (Currently Amended) The medical device of claim 14, wherein the filter comprises:

~~a shaft having a proximal end and a distal end, wherein the distal end of said shaft is configured to be inserted in said tubular member while the proximal end of said shaft extends outside of said tubular member;~~

an expansion frame mounted on the distal end of the elongate member, shaft, the expansion frame expandable between a contracted condition and an enlarged condition, the expansion frame deployable through a distal opening of the lumen; and

a filter mesh coupled to the expansion frame.

17. (Previously Presented) The medical device of claim 16, wherein the expansion frame comprises a self-expanding material.

18. (Previously Presented) The medical device of claim 17, wherein the self-expanding material comprises a shape-memory material.

19. (Previously Presented) The medical device of claim 17, wherein the self-expanding material is a thin gauge metal.

20. (Previously Presented) The medical device of claim 16, wherein the expansion frame comprises an umbrella structure.

21. (Previously Presented) The medical device of claim 16, wherein the expansion frame comprises a plurality of struts.

22. (Previously Presented) The medical device of claim 16, wherein the expansion frame comprises a self-expanding material.